# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 6 | "761512".ap. | US-PGPUB; USPAT | OR | ON | 2006/09/12 07:43 |
| S2 | 274 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/11 11:39 |
| S3 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:32 |
| S4 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:33 |
| S5 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:33 |
| S6 | 386 | (725/31).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 14:55 |
| S7 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:51 |
| S8 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:51 |
| S9 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:53 |
| S10 | 284 | (725/78).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 12:26 |
| S11 | 50 | (725/71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:52 |
| S12 | 491 | (725/139).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:52 |
| S13 | 0 | ("9and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB)").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 12:30 |
| S14 | 0 | ("9and(masterormainorprincipalfirst)and(slavesecond$3)and(terminalboxSTB)").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 12:29 |
| S15 | 0 | ("9and(master)and(slave)and(terminalbox)").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 12:29 |
| S16 | 402 | 9and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:43 |
| S17 | 10 | (US-20040257470-$ or US-20060161956-$ or US-20060041912-$ or US-20050264395-$ or US-20050257238-$ or US-20030221195-$ or US-20030028886-$ or US-20020035729-$).did. or (US-6996837-$ or US-6622307-$).did. | US-PGPUB; USPAT | OR | ON | 2006/09/12 12:31 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S18 | 6 | S17 and terminal | US-PGPUB; USPAT | OR | ON | 2006/09/12 12:32 |
| S19 | 1 | S17 and terminal and master and encrypt$4 | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:42 |
| S20 | 0 | L2-8and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:44 |
| S21 | 10 | L2and L8and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:50 |
| S22 | 0 | (S3 S9)and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:47 |
| S23 | 2 | S4 and S5 | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:48 |
| S24 | 0 | S4 and S5 and S6 and S7 and S8 and S21 | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:49 |
| S25 | 10 | L2and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:51 |
| S26 | 3 | L3and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:51 |
| S27 | 3 | L4and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:53 |
| S28 | 3 | L5and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:54 |
| S29 | 0 | ("l5and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB)").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 14:58 |
| S30 | 3 | l5and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:00 |
| S31 | 3 | L5and(mastermainprincipalfirst)and(slavesecond$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 16:32 |
| S32 | 386 | S6 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:01 |
| S33 | 178 | S6 and terminal | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:01 |
| S34 | 12425 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 15:02 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S35 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 15:02 |
| S36 | 371 | S35 and (terminal box)and digital | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:03 |
| S37 | 141 | S35 and (terminal box)and digital and (protect$3 encrypt$3) and data | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:15 |
| S38 | 45 | S37 and master | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:05 |
| S39 | 2635 | S34 and (terminal box)and digital and (protect$3 encrypt$3) and data | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:16 |
| S40 | 6006 | S34 and (terminal box)and digital and (protect$3 encrypt$3 control key) and data and access$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:17 |
| S41 | 283 | S35 and (terminal box)and digital and (protect$3 encrypt$3 control key) and data and access$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:28 |
| S42 | 283 | S35 and (terminal box STB )and digital and (protect$3 encrypt$3 control key ECM EMM) and data and access$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:21 |
| S43 | 6012 | S34 and (terminal box STB )and digital and (protect$3 encrypt$3 control key ECM EMM) and data and access$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:21 |
| S45 | 261 | S35 and (terminal box)and digital and (protect$3 encrypt$3 control key) and data and (access$2 authentic$5)and time | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:30 |
| S46 | 196 | S45 and respon$3 | US-PGPUB; USPAT | OR | ON | 2006/09/12 16:00 |
| S47 | 0 | S6 and(master main principal first)and(slave second$3)and(terminal box STB) | US-PGPUB; USPAT | ADJ | ON | 2006/09/12 16:33 |
| S48 | 242 | S6 and(master main principal first)and(slave second$3)and(terminal box STB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 16:37 |
| S49 | 0 | wo-200004178-$.did | DERWENT | OR | ON | 2006/09/12 16:41 |
| S51 | 1 | WO-200004178-$.did. | DERWENT | OR | ON | 2006/09/12 16:43 |
| S52 | 1 | WO-200004718-$.did. | DERWENT | OR | ON | 2006/09/15 09:39 |
| S53 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/13 08:41 |
| S54 | 261 | S53 and (terminal box)and digital and (protect$3 encrypt$3 control key) and data and (access$2 authentic$5)and time | US-PGPUB; USPAT | OR | ON | 2006/09/13 08:41 |

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|---|---|---|---|---|---|---|
| S55 | 1 | ("4633309,").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/13 09:19 |
| S56 | 1 | ("4633309").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/13 09:20 |
| S57 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S58 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S59 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S60 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S61 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S62 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S63 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S64 | 2285 | S57 S58 S59 S60 S61 S62 S63 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 07:33 |
| S65 | 85 | S64 and (master and slave) and time | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 08:14 |
| S66 | 48 | S64 and (master and slave) and time same respon$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 08:23 |
| S67 | 81 | S64 and (master and slave) and time and respon$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:20 |
| S68 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S69 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S70 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S71 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S72 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S73 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S74 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S75 | 2285 | S68 S69 S70 S71 S72 S73 S74 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:47 |
| S76 | 0 | S75 and (master and slave) and time and respon$4 | DERWENT | OR | ON | 2006/09/14 16:21 |
| S77 | 426 | (master and slave) and time and respon$4 | DERWENT | OR | ON | 2006/09/14 16:26 |
| S78 | 1 | (master and slave) and time and respon$4 and set adj top adj box | DERWENT | OR | ON | 2006/09/14 16:26 |
| S79 | 0 | (master and slave) near box and time and respon$4 | DERWENT | OR | ON | 2006/09/14 16:27 |
| S80 | 0 | master and slave near box and time and respon$4 | DERWENT | OR | ON | 2006/09/14 16:27 |
| S81 | 1 | master and slave and box and time and respon$4 | DERWENT | OR | ON | 2006/09/14 16:31 |
| S82 | 12 | S77 and broadcast | DERWENT | OR | ON | 2006/09/14 16:45 |
| S83 | 12 | authentic$5 and (STB set-top-box terminal) and master and slave | DERWENT | OR | ON | 2006/09/14 16:33 |
| S84 | 0 | S77 and broadcast | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:45 |
| S85 | 0 | S77 | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:46 |
| S86 | 0 | S77 | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:46 |
| S87 | 0 | S77 | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:46 |
| S88 | 2285 | S75 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:47 |
| S89 | 0 | S88 and master and slave and (wait$4 respon$4) and time and deadlline | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 14:04 |
| S90 | 0 | S75 and master and slave and (wait$4 respon$4) and time and deadlline | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:49 |
| S91 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S92 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S93 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S94 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S95 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |

| S96 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
|---|---|---|---|---|---|---|
| S97 | 543 | .(725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S98 | 2285 | S91 S92 S93 S94 S95 S96 S97 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 07:35 |
| S99 | 2285 | S98 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 07:35 |
| S10 0 | 302 | S99 and (($3determin$4 given set calculat$3 fixed)near (respon$5 answer$3 transm$5 transfer$3) and time) | US-PGPUB; USPAT | OR | ON | 2006/09/15 07:37 |
| S10 1 | 22 | S99 and (($3determin$4 given set calculat$3 fixed)near (respon$5 answer$3 transm$5 transfer$3) near time) | US-PGPUB; USPAT | OR | ON | 2006/09/15 08:28 |
| S10 2 | 24 | S99 and (($3determin$4 given set calculat$3 fixed)near (respon$5 answer$3 transm$5 transfer$3 communicat$4) near time) | US-PGPUB; USPAT | OR | ON | 2006/09/15 08:29 |
| S10 3 | 2 | (S99 and (($3determin$4 given set calculat$3 fixed)near (respon$5 answer$3 transm$5 transfer$3 communicat$4) near time))not S101 | US-PGPUB; USPAT | OR | ON | 2006/09/15 08:31 |
| S10 4 | 987 | (($3determin$4 given set calculat$3 fixed)near (respon$5 answer$3 transm$5 transfer$3 communicat$4) near time) | EPO; DERWENT | OR | ON | 2006/09/15 08:34 |
| S10 5 | 132 | (($3determin$4 given set calculat$3 fixed)near (respon$5 answer$3 transm$5 transfer$3 communicat$4) near time)and ((set adj3 box)terminal decoder STB) | EPO; DERWENT | OR | ON | 2006/09/15 09:06 |
| S10 6 | 0 | S98 and secur$4 and ((avoid$3 detect$4 notic$4)near (extra add$3)near (delay$3 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 14:05 |
| S10 7 | 0 | S98 and ((avoid$3 detect$4 notic$4)near (extra add$3)near (delay$3 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 09:11 |
| S10 8 | 20 | S98 and secur$3 and (avoid$3 detect$4 notic$4) and ((extra add$3)near (delay$3 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 09:12 |
| S10 9 | 0 | WO-199735430-$.did. | DERWENT | OR | ON | 2006/09/15 09:40 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S110 | 0 | WO-199735430-$.did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/09/15 09:40 |
| S111 | 0 | WO-1997338530-$.did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/09/15 09:58 |
| S112 | 0 | "5509073,5461675,5748732" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/09/15 09:59 |
| S113 | 0 | ("5509073,5461675,5748732").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 09:59 |
| S114 | 0 | ("5509073,5461675,5748732").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 10:00 |
| S115 | 3 | (("5509073") or ("5461675") or ("5748732")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 10:00 |
| S116 | 11 | (US-20050155069-$ or US-20050264395-$ or US-20030221195-$ or US-20050257238-$ or US-20030028886-$).did. or (US-6442525-$ or US-6996837-$ or US-6588017-$ or US-4633309-$). did. or (WO-200004718-$ or JP-2004247857-$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 13:23 |
| S117 | 0 | S116 and ((predetermin$3 calculat$2 given)near (request$4 transfer$3 respon$4)) and (time deadline) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 13:29 |
| S118 | 12433 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 13:30 |
| S119 | 0 | S118 and (secur$3 near communat$5 near ((set adj2 box$2) STB decoder IDR IRD)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 13:42 |
| S120 | 253 | S118 and (secur$3 near (transmi$5 communicat$4 transf$3 talk$3)) and (terminal (set adj box)decoder) | US-PGPUB; USPAT | OR | ON | 2006/09/15 13:46 |
| S121 | 343 | S118 and (secur$3 near (transmi$5 communicat$4 transf$3 talk$3)) and (terminal (set adj box)decoder device) | US-PGPUB; USPAT | OR | ON | 2006/09/15 13:46 |
| S122 | 4 | S99 and master and slave and (wait$4 respon$4) and time and deadline | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 14:04 |

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|---|---|---|---|---|---|---|
| S12 3 | 8 | S98 and secur$4 and ((avoid$3 detect$4 notic$4)near (extra external add$3)near (delay$3 time) deadline) | US-PGPUB; USPAT | OR | ON | 2006/09/15 14:07 |
| S12 4 | 1 | ("6904522").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/18 14:07 |
| S12 5 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 07:50 |
| S12 6 | 286 | S125 and (terminal box)and digital and (protect$3 encrypt$3 control key) and data and (access$2 authentic$5) | US-PGPUB; USPAT | OR | ON | 2006/09/19 07:50 |
| S12 7 | 0 | ("2006/0168634").URPN. | USPAT | OR | ON | 2006/09/19 08:04 |
| S12 8 | 12448 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 08:05 |
| S12 9 | 135 | S128 and countdown | US-PGPUB; USPAT | OR | ON | 2006/09/19 08:58 |
| S13 0 | 109 | S128 and countdown and respon$3 | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:26 |
| S13 1 | 0 | S128 and countdown near respon$3 | US-PGPUB; USPAT | OR | ON | 2006/09/19 08:59 |
| S13 2 | 98 | S128 and countdown and respon$3 and communicat$4 | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:26 |
| S13 3 | 62 | S128 and countdown and respon$3 and communicat$4 and devices | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:28 |
| S13 4 | 19 | S128 and countdown and respon$3 and communicat$4 near devices | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:51 |
| S13 5 | 1239 | S128 and access$4 and ((countdown time)near (respons$3 request wait$3)) | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:54 |
| S13 6 | 1114 | S128 and access$4 and ((countdown time)near (respons$3 request wait$3))and device | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:56 |
| S13 7 | 45060 | S128 and access$4 and ((countdown time)near (respons$3 request wait$3))and device and master slave | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:57 |
| S13 8 | 62 | S128 and access$4 and ((countdown time)near (respons$3 request wait$3))and device and master and slave | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:57 |
| S13 9 | 1 | ("7092729").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:11 |
| S14 0 | 2 | (("6393281") or ("6011511")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:25 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S14 1 | 1 | ("4633309").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:25 |
| S14 2 | 2 | (("4633309") or ("5748732")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:29 |
| S14 3 | 0 | jp-020021983-$-did. | DERWENT | OR | ON | 2006/09/19 11:33 |
| S14 4 | 0 | jp-02001983-$-did. | DERWENT | OR | ON | 2006/09/19 11:33 |
| S14 5 | 1 | jp-02001983-$.did. | DERWENT | OR | ON | 2006/09/19 11:33 |
| S14 6 | 7 | ("4167738" \| "4796032" \| "5376941" \| "5424750" \| "5519405" \| "5587717" \| "5797083").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/19 15:49 |
| S14 7 | 8 | ("4419766" \| "5029196" \| "5170485" \| "5212804" \| "5249303" \| "5267261" \| "5323446" \| "5392331").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/19 15:50 |
| S14 8 | 8 | ("4419766" \| "5029196" \| "5170485" \| "5212804" \| "5249303" \| "5267261" \| "5323446" \| "5392331").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/19 15:50 |
| S14 9 | 0 | ("2005/0071866").URPN. | USPAT | OR | ON | 2006/09/19 15:51 |
| S15 0 | 0 | ("2005/0071866").URPN. | USPAT | OR | ON | 2006/09/19 15:51 |
| S15 1 | 0 | ("2005/0071866").URPN. | USPAT | OR | ON | 2006/09/19 15:51 |
| S15 2 | 14 | ("6035037").URPN. | USPAT | OR | ON | 2006/09/19 16:28 |
| S15 3 | 0 | (348/10).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 07:59 |
| S15 4 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 5 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 6 | 325 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 7 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 8 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 9 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S16 0 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |

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|---|---|---|---|---|---|---|
| S16 1 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S16 2 | 2286 | S155 S156 S157 S158 S159 S160 S161 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 08:23 |
| S16 3 | 2286 | S162 725/211.3.ccls. | US-PGPUB; USPAT | OR | ON | 2006/09/20 08:23 |
| S16 4 | 0 | 725/211.3.ccls. | US-PGPUB; USPAT | OR | ON | 2006/09/20 08:23 |
| S16 5 | 2389 | S162 348/211.3.ccls. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 08:24 |
| S16 6 | 176 | S165 and ((prevent$4 avoid$3)near6 (delay$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 08:35 |
| S16 7 | 2407 | S165 725/141 and ((prevent$4 avoid$3)near6 (delay$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 11:35 |
| S16 8 | 194 | (S165 725/141) and ((prevent$4 avoid$3)near6 (delay$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 11:35 |
| S16 9 | 185 | (S165 725/141.ccls.) and ((prevent$4 avoid$3)near6 (delay$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 11:39 |
| S17 0 | 185 | (S165 725/141.ccls.) and (((prevent$4 avoid$3)near6 (delay$3 time)) or (preterm$4 near4 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:18 |
| S17 1 | 0 | ("2003/0028886").URPN. | USPAT | OR | ON | 2006/09/20 13:10 |
| S17 2 | 83 | (S165 725/141:ccls.) and ((count$5 (respons$3 near3 time))near3 (request$3 broadcast$3 send$4 sent)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:27 |
| S17 3 | 1 | (S165 725/141.ccls.) and ((count$5 (respons$3 near3 time))near3 ((start$3 begin) near3 (request$3 broadcast$3 send$4 sent))) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:31 |
| S17 4 | 4 | S172 and ((start$3 begin$4)near6(moment instant)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:46 |
| S17 5 | 23 | S165 and((start$3 begin$4)near6(moment instant)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:46 |
| S17 6 | 0 | S165 and((start$3 begin$4)near6(moment instant))near6(count$5) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:48 |

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|---|---|---|---|---|---|---|
| S17 7 | 23 | S165 and((start$3 begin$4)near6(moment instant)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:49 |
| S17 8 | 21 | S165 and communicat$4 and (after near3 respon$3) and predetermined | US-PGPUB; USPAT | OR | ON | 2006/09/20 14:13 |
| S17 9 | 0 | S165 and (stop$3 near6 communicat$4) and (after near3 respon$3) and predetermined | US-PGPUB; USPAT | OR | ON | 2006/09/20 14:14 |
| S18 0 | 4 | S165 and (no near6 communicat$4) and (after near3 respon$3) and predetermined | US-PGPUB; USPAT | OR | ON | 2006/09/20 14:23 |
| S18 1 | 87 | S165 and transmit$3 near7 ((predeterm$5 given assign$3) near5 time) | US-PGPUB; USPAT | OR | ON | 2006/09/20 15:29 |
| S18 2 | 13 | S165 and transmit$3 near7 ((predeterm$5 given assign$3) near5 time) and (slave near6 request inquir$3) | US-PGPUB; USPAT | OR | ON | 2006/09/20 15:31 |
| S18 3 | 0 | S165 and transmit$3 near7 ((predeterm$5 given assign$3) near5 time) and (slave near6 (request inquir$3)) | US-PGPUB; USPAT | OR | ON | 2006/09/20 15:31 |
| S18 4 | 3154 | ((713/156,168,171,175) or (380/232,239)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 07:33 |
| S18 5 | 729 | (713/156).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S18 7 | 617 | (713/171).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S18 8 | 355 | (713/175).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S18 9 | 87 | (380/232).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S19 0 | 278 | (380/239).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 08:01 |
| S19 1 | 0 | ("1and(countdown((respon$4reques t$3)near7time))andencrypt$4andtra nsf$3").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 10:13 |
| S19 2 | 12 | S184 and(countdown((respon$4request$ 3)near7time))and encrypt$4 and transf$3 | US-PGPUB; USPAT | OR | ON | 2006/09/21 10:32 |
| S19 3 | 15 | S184 and(countdown((respon$4request$ 3)near7time))and encrypt$4 and device | US-PGPUB; USPAT | OR | ON | 2006/09/21 10:33 |

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|---|---|---|---|---|---|---|
| S19 4 | 2 | S184 and(countdown((respon$4request$ 3)near7time))and encrypt$4 and (device near (master slave)) | US-PGPUB; USPAT | OR | ON | 2006/09/21 13:42 |
| S19 5 | 729 | (713/156).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 14:50 |
| S19 6 | 6 | "158592".ap. | US-PGPUB; USPAT | OR | ON | 2006/09/21 14:23 |
| S19 7 | 75 | S195 and broadcast$3 and time and devices | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:15 |
| S19 8 | 18 | S195 and broadcast$3 and (countdown (respon$3 near6 time)) and devices | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:22 |
| S19 9 | 10 | S195 and broadcast$3 and (countdown (respon$3 near6 time)) and device and master | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:24 |
| S20 0 | 19 | S195 and broadcast$3 and (countdown (respon$3 near6 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:30 |
| S20 1 | 0 | S195 and((countdown (respon$3 near6 time))near6 prevent$3) | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:32 |
| S20 2 | 50 | S195 and(countdown (respon$3 near6 time))and prevent$3 | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:40 |
| S20 3 | 68 | S195 and(countdown (respon$3 near6 time))and (prevent$3 near$8 ((add$3 delay) and time)) | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:03 |
| S20 4 | 1 | ("6393281").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:13 |
| S20 5 | 1 | ("6011511").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:13 |
| S20 6 | 1464 | (713/168).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:47 |
| S20 8 | 231 | S206 and master | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:45 |
| S20 9 | 5 | S206 and master and countdown | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:45 |
| S21 0 | 0 | ("25and(timenear8respon$5)").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:48 |
| S21 1 | 234 | S206 and (time near8 respon$5) | US-PGPUB; USPAT | OR | ON | 2006/09/25 11:03 |
| S21 2 | 57 | S206 and (time near8 respon$5)and master | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:49 |
| S21 3 | 1 | ("6931131").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 11:04 |
| S21 4 | 1 | ("0265503").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 11:04 |

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|---|---|---|---|---|---|---|
| S215 | 1 | ("20050265503").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 09:23 |
| S216 | 27244 | ("713").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 09:24 |
| S217 | 2 | S216 and DTCP and master and slave | US-PGPUB; USPAT | OR | ON | 2006/09/26 09:26 |
| S218 | 10 | S216 and DTCP and master and link | US-PGPUB; USPAT | OR | ON | 2006/09/26 09:51 |
| S219 | 36 | S216 and DTCP and device and link$3 | US-PGPUB; USPAT | OR | ON | 2006/09/26 09:51 |
| S220 | 113 | S216 AND CIRCUMVENTION | US-PGPUB; USPAT | OR | ON | 2006/09/26 11:37 |
| S221 | 105 | S216 AND CIRCUMVENTION AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 11:55 |
| S222 | 277 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S223 | 325 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S224 | 366 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S225 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S226 | 925 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S227 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S228 | 545 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S229 | 2290 | S222 S223 S224 S225 S226 S227 S228 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/26 11:59 |
| S230 | 87 | (380/232).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S231 | 279 | (380/239).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S232 | 0 | (S216 and S230 and S231 and S229) AND CIRCUMVENTION AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 11:59 |
| S233 | 109 | (S216 S230 S231 S229) AND CIRCUMVENTION AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 14:27 |
| S234 | 5079 | (S216 S230 S231 S229) AND master AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 14:28 |
| S235 | 323 | (S216 S230 S231 S229) AND master AND (TIME near9 respon$5) and authenti$5 | US-PGPUB; USPAT | OR | ON | 2006/09/26 14:29 |

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|---|---|---|---|---|---|---|
| S23 6 | 1 | ("6931131").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/27 08:50 |
| S23 7 | 10 | ("4114147" \| "4916443" \| "5618232" \| "5711588" \| "5871398" \| "5999808" \| "6104815" \| "6175307" \| "6272638" \| "6507852").PN. OR ("6931131"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 08:52 |
| S23 8 | 1 | ("6904522").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 08:34 |
| S23 9 | 1 | ("20040098583").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 17:00 |
| S24 0 | 1 | ("6904522").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 17:01 |
| S24 1 | 0 | ("761512.ap.").PN. | US-PGPUB; USPAT | OR | OFF | 2006/10/02 13:26 |
| S24 2 | 6 | "761512".ap. | US-PGPUB; USPAT | OR | ON | 2006/10/02 13:26 |